

IN THE CLAIMS

Please amend claims as follows:

1. (Currently Amended) [[In a]] A data processing system including comprising:

a. a legacy data base management system which executes an ordered sequence of command language statements to perform a plurality of legacy data base management system tasks in accordance with a security profile; coupled to

b. a publically accessible digital data communication network, the improvement comprising: ;

[[a]] c. a service request which corresponds to said ordered sequence of command language statements contained within a document formatted in XML (extensible markup language) transferred via said publically accessible digital data communication network to said legacy data base management system; and

[[b]] d. an Input Definition Table (IDT) including a table which identifies said IDT, identifies conditions under which said IDT is to be used, and defines a translation to be made so that said service request will be converted into a form for use by said legacy data base management system responsively coupled to said legacy data base management

system which ~~converts~~ is utilized to convert said service request into said ordered sequence of command language statements for execution by said legacy data base management system.

2. (Currently Amended) ~~The improvement~~ A data processing system according to claim 1 further comprising a Document Type Definition (DTD) which defines the format of said ~~document~~ service request.

3. (Currently Amended) ~~The improvement~~ A data processing system according to claim 2 wherein said IDT further comprises a plurality of sequential text lines.

4. (Currently Amended) ~~The improvement~~ A data processing system according to claim 3 wherein at least one of said plurality of sequential text lines provides access constraints corresponding to said security profile.

5. (Currently Amended) ~~The improvement~~ A data processing system according to claim 4 further comprising a repository responsively coupled to said legacy data base management system wherein said IDT is stored within said repository.

6. (Currently Amended) An apparatus comprising:
- a. an XML document containing a service request which specifies performance of a plurality of data base management functions corresponding to a sequence of command language statements;
 - b. a publically accessible digital data communication network;
 - c. a data base management system having an input format different from XML which honors said service request by executing [[a]] said sequence of command language statements to perform said plurality of data base management functions in accordance with a security profile responsively coupled to said publically accessible digital data communication network which receives said XML document via said publically accessible digital data communication network; and
 - d. an Input Definition Table (IDT) associated with said XML document wherein said IDT contains a table of sequential text lines which identify said IDT, identify conditions under which said IDT is to be used, and defines a translation to be made so that said service request will be converted into a form for use by said data base management system which enables conversion of said XML document into said sequence of command language statements.

7. (Original) The apparatus of claim 6 further comprising a Document Type Definition (DTD) which defines a format of said XML document.

8. (Original) The apparatus of claim 7 wherein said data base management system includes a repository and said Input Definition Table is stored within said repository.

9. (Currently Amended) The apparatus of claim 8 wherein said Input Definition Table includes an access constraint corresponding to said security profile.

10. (Original) The apparatus of claim 9 wherein said publically accessible digital data communication system further comprises the Internet.

11. (Currently Amended) A method of honoring a service request contained within an XML document by a data base management system by performing a plurality of data base management functions specified by said service request corresponding to a security profile by executing a sequence of command language script ~~which~~ said data base management system having an incompatible input protocol comprising:

- a. transferring said XML document to said data base management system via a publically accessible digital data communication network;
- b. converting said XML document into an XML mapping tree in accordance with a Document Type Definition (DTD) corresponding to said XML document which defines a format of said document;
- c. converting said service request contained within said XML document into said sequence of command language script using an Input Definition Table (IDT) including a table which identifies said IDT, identifies conditions under which said IDT is to be used, and defines a translation to be made so that said service request will be converted into a form for use by said legacy data base management system; and
- d. executing said sequence of command language script by said data base management system to modify a data base associated with said data base management system by performing said plurality of data base management functions specified by said service request.

12. (Original) A method according to claim 11 further comprising the step of saving said IDT for future use.

13. (Original) A method according to claim 12 wherein said IDT is retrieved from storage.

14. (Currently Amended) A method according to claim 13 wherein said IDT further comprises an access constraint corresponding to said security profile.

15. (Original) A method according to claim 14 wherein said publically accessible digital data communication network further comprises the Internet.

16. (Currently Amended) An apparatus comprising:

- a. transmitting means for transmitting an XML document containing a service request for ~~execution~~ providing a plurality of data base management functions;
- b. stating means for stating a IDT associated with said document including a table which identifies said IDT, identifies conditions under which said IDT is to be used, and defines a translation to be made so that said service request will be converted into a form for use by said legacy data base management system;
- c. providing means responsively coupled to said transmitting means for providing said plurality of data base management

functions by executing a sequence of command language statements; and

d. converting means responsively coupled to said providing means for converting said XML document into said sequence of command language statements for execution by said providing means based upon said IDT to modify data associated with said providing means by performing said plurality of data base management functions.

17. (Previously Presented) An apparatus according to claim 16 wherein said converting means further comprises means for storing said IDT for future use.

18. (Original) An apparatus according to claim 17 wherein said IDT further comprises an access constraint.

19. (Original) An apparatus according to claim 18 wherein said transmitting means further comprises the Internet.

20. (Original) An apparatus according to claim 19 further comprising means for defining a format of said XML document.

21. (Currently Amended) A method of coupling an XML message to a data base management system having an incompatible format comprising:

a. retrieving an existing XML element to source tree from a repository;

b. presenting said existing XML element to source tree to a user as a display;

c. modifying said existing XML element to source tree by said user in accordance with said XML message; and

[[c]] d. using said XML element to source tree for converting said XML message to said incompatible format.

22. (Previously Presented) A method according to claim 21 wherein said XML element to source tree further comprises a plurality of elements and a plurality of attributes.

23. (Previously Presented) A method according to claim 22 wherein said modifying step further comprises deleting one of said plurality of attributes.

24. (Previously Presented) A method according to claim 23 wherein said modifying step further comprises adding a new attribute to said plurality of attributes.

25. (Previously Presented) A method according to claim 24 wherein said modifying step further comprises deleting one of said plurality of elements.